CONSCIOUS CULTURE

Historical Timeline, Modern Statistics & Future Considerations

CC1
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User	**$**
58% of US Citizens	**<$1,000 in savings**
Average Debt per US Graduate	**$30,100**
Average Debt per US Citizen	**$38,000**
Total Debt of US Students	**$1,480,000,000,000**
Total Debt of US Government	**$25,800,000,000,000**

Who owns the government's debt? 34% To Individuals and Businesses in America (10% to China)
http://www.mygovcost.org/2017/05/15/who-owns-the-u-s-national-debt-2/

$25.8 Trillion in US Debt
/
328 million United States Citizens (January 25th 2019) http://www.worldometers.info/world-population/us-population/
= $78,658 Per Citizen

We included just 8 of the 15 aspects of the Culture of War Since the Dawn of Civilization

http://culture-of-peace.info/books/history/evolution-2.html

1. Armies and Armaments

$598.5 billion (54%) of all federal discretionary spending

https://www.cbo.gov/system/files?file=115th-congress-2017-2018/graphic/53624-fy17federalbudget.pdf
https://www.nationalpriorities.org/campaigns/military-spending-united-states/

USA Military has 6,550 Nuclear Weapons
RUSSIA 6,850 **FRANCE** 300 **CHINA** 280 **UK** 215 **PAKISTAN** 150 **INDIA** 130 **ISRAEL** 80 **NORTH KOREA** 20

https://www.ploughshares.org/world-nuclear-stockpile-report

blast extends out to ~**8 km/5 mi** from the same 1 megaton atmospheric explosion. **0–3 km/1.8 mi Radius Death is highly likely** and radiation poisoning is almost certain if one is caught in the open with no terrain or building masking effects within a radius of 0-3km
from a 1 megaton airburst, and the 50% chance of death from the blast extends out to ~**8 km** from the same **1 megaton** atmospheric explosion.
58.6 megaton (Tu-95) - all houses were completely destroyed (**34 miles**) from Ground Zero (**1961)**
http://www.bbc.com/future/story/20170816-the-montser-atomic-bomb-that-was-too-big-to-use

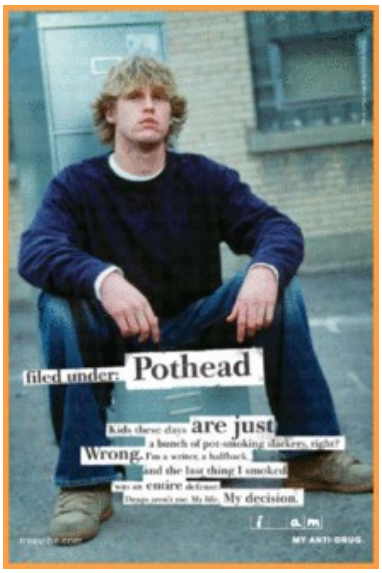
“My Nuclear Button... is Bigger & more powerful” Presidential Tweet
https://www.vox.com/2018/1/2/16843480/trump-taunts-kim-jong-un-nuclear-button-tweet

3. Control of Information Through Secrecy and Propaganda

70% don’t have a degree
https://www.politifact.com/truth-o-meter/statements/2015/apr/08/rick-santorum/70-americans-dont-have-college-degree-rick-santoru/

4. Identification of an "Enemy"

Drugs for Guns Terrorism and the War on Drugs



CIA Drug Operations and Allegations in **2013** - two former federal agents and an ex-CIA contractor told an American television network that CIA operatives were involved in the kidnapping and murder of DEA covert agent Enrique Camarena, because he was a threat to the agency's drug operations in Mexico. According to the three men, the CIA was collaborating with drug traffickers moving cocaine and marijuana to the United States, and using its share of the profits to finance Nicaraguan Contra rebels attempting to overthrow Nicaragua's Sandinista government.

""Te CIA helped kill DEA agent Enrique 'Kiki' Camarena," say witnesses". *El País (Spain)* (in Spanish). 15 October 2013. Retrieved 21 October 2013

Russian Gangsters Smuggle Drugs into Britain buying cheap heroin from Afghanistan and paying for it with guns. Russian arms dealers meet **taliban** drug lords (& Military Organization) at a bazaar near the old afghan-soviet border deep in tajikistan’s desert. **https://www.independent.co.uk/news/world/asia/drugs-for-guns-how-the-afghan-heroin-trade-is-fuelling-the-taliban-insurgency-817230.html**

CIA-connected Laotian opium trade was provided by Rolling Stone magazine in **1968,** and by Alfred W. McCoy in 1972.

The Politics of Heroin: CIA Complicity in the Global Drug Trade, by Alfred W. McCoy, with Cathleen B. Read and Leonard P. Adams II, 2003, p. 385 ISBN 1-55652-483-8

Drugs for Religious Purposes and Meaningful Therapeutic Results

- **Ketamine - “People die from lack of vision” vice docu**
- **MDMA PTSD**
- **Psilocybin Cancer and End of Life anxiety**

39,773 Gun Deaths (2017)
https://www.nytimes.com/2018/12/18/us/gun-deaths.html

113 Deaths from **School shooters** in (2018)
https://www.bbc.com/news/business-46507514

5. Wealth based on Plunder and Slavery

SLAVERY & HUMAN TRAFFICKING

https://docs.google.com/document/d/1JTJnHIWcEI1-nR9c-ci8vhX9qu5qDkq6Kd0OtDxgteU/edit

Modern Slavery
40 million Slaves

16 million Forced Labor exploitation (1 in 4 or **4 million are children**)

Raw Minerals mining (www.slaveryfootprint.com)

4.8 million Forced Sexual Exploitation

15.4 million Forced Marriage

4.1 million State-imposed forced labor

https://www.cnn.com/2017/09/19/world/global-slavery-estimates-ilo/index.html

alcoholic beverages, artificial flowers, baked goods, bamboo, bananas, green/soy and yellow beans, beef, tobacco, bricks, carpets, cashews, tin, ceramics, chile peppers, citrus fruits, cloves, coal, coca, coffee, corn, cotton, cucumbers, cumin, diamonds, fish, eggplants, an assortment of electronics, emeralds, fireworks, poppies, footwear, furniture, steel, garlic, garments, gold, grapes, gravel, hazelnuts, iron, leather, lobsters, locks, matches, meat, melons, nails, palm oil, olives, onions, palm thatch, peanuts, pineapples, pornography, rice, rubber, salt, sand, shellfish, shrimp, silk fabric, soap, sugarcane, surgical instruments, tea, timber, vanilla, wheat, potatoes,carrots and more

https://www.dol.gov/agencies/ilab/reports/child-labor/list-of-goods?items_per_page=All&combine=

400,000 Modern Slaves in the United States

https://www.theguardian.com/world/2018/jul/19/us-modern-slavery-report-global-slavery-index

Find out how many slaves work for you

www.Slaveryfootprint.org

40 million compared to 12 million and

A person for **$90 compared to $40-50k** during transatlantic

https://www.freetheslaves.net/average-cost-to-buy-a-person-today-90/

$1,225 a year - global median income

$34,000 a year or more is the **global 1%**

1% in us is $500k+

https://www.google.com/amp/s/www.dailymail.co.uk/news/article-2082385/amp/We-1--You-need-34k-income-global-elite--half-worlds-richest-live-U-S.html

1.3+ billion global citizens (nearly 50%) **live on less than $2.50 a day**

22,000 Children die each day due to poverty (According to UNICEF)

80% of the world population lives on less than $10 a day

http://www.globalissues.org/article/26/poverty-facts-and-stats

1.6 billion people (1/4 or 25%) live without electricity

Top Exported Products

http://www.worldstopexports.com/worlds-top-export-products/

1	Electrical machinery, equipment	US$2.6 trillion	14.7%
2	Machinery including computers	$2.1 trillion	11.9%
3	Mineral fuels including oil	$1.9 trillion	11.1%
4	Vehicles	$1.4 trillion	8.2%
5	Gems, precious metals	$620.8 billion	3.6%
6	Plastics, plastic articles	$593.1 billion	3.4%

7	Optical, technical, medical apparatus	$578.5 billion	3.3%
8	Pharmaceuticals	$532.7 billion	3.1%
9	Organic chemicals	$377.2 billion	2.2%
10	Iron, steel	$368.7 billion	2.1%

Top Country Sized Companies

WALMART

- **$486 billion** in 2017, out-earned the sixth-largest economy in the euro zone – Belgium (with GDP of $468 billion). If it were a country
- 24th in the world by GDP.

APPLE

- **$229 billion** (2017) accused of mistreating and underpaying their employees, hiding money offshore, and not paying taxes, earned In comparison, Portugal's GDP
- 47th in the world by GDP if it were a country.

AMAZON

$118 billion in 2017. Its revenue exceeded the GDP of Kuwait ($111 billion). Amazon CEO

$150 billion Net worth Jeff Bezos has recently become the richest man in modern history

Keep in mind these country sized companies "don't know" where their ingredients come from - and neither do you.

World's Current Most Powerful Economies

1. **United States - $21.506 trillion**
2. **China - $12.242 trillion**
3. **Japan - $5.231 trillion**
4. **Germany - $4.210 trillion**
5. **UK - $2.982 trillion**
6. **India - $2.935 trillion**

https://www.focus-economics.com/blog/the-largest-economies-in-the-world

$2.5 trillion worth assets to JPMorgan Chase, US top bank

https://www.fool.com/investing/2016/08/24/jpmorgan-chase-is-10-times-bigger-than-you-think-i.aspx

6th largest bank in the World behind 5 Chinese banks and Mitsubishi Financial Japan

https://www.businessinsider.com/biggest-banks-in-the-world-2018-5

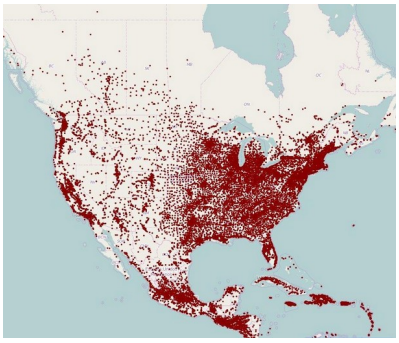
World's Most Powerful Economies **Predicted by 2050**

5. Brazil — $7.540 trillion.
4. Indonesia — $10.502 trillion.

3. United States — $34.102 trillion.
2. India — $44.128 trillion.
1. China — $58.499 trillion.

https://www.independent.co.uk/news/business/these-will-be-the-32-most-powerful-economies-in-the-world-by-2050-a7587401.html

6. Economy Based on Exploitation of People (Slaves, Serfs, etc.) and the Environment



The People

328 million United States Citizens (2019)

209.3 million people in the United States are **25 years old or older**

https://www.politifact.com/truth-o-meter/statements/2015/apr/08/rick-santorum/70-americans-dont-have-college-degree-rick-santoru/

3,853,472 babies were born in the United States. (2018)

https://www.washingtonpost.com/national/health-science/the-big-number38-million-babies-were-born-in-the-us-last-year-thats-a-drop/2018/05/25/ce96af5a-5f6f-11e8-a4a4-c070ef53f315_story.html?utm_term=.

2,626,418 deaths In the United States (2014)

https://www.medicalnewstoday.com/articles/282929.php

HOMELESS

3.5 million Americans are homeless each year.
1 million are **children**
300,000 children are homeless **on any given night**

http://www.homeaid.org/homeaid-stories/69/top-causes-of-homelessness

550,000 US Citizens are Homeless on any given night,

https://endhomelessness.org/homelessness-in-america/homelessness-statistics/state-of-homelessness-report/

1.5 million US Citizens Used a Homeless Shelter (2008)

https://www.huduser.gov/publications/pdf/5thHomelessAssessmentReport.pdf

2.5 million US Children are Homeless each year https://www.air.org/center/national-center-family-homelessness

Effect on Intelligence/Performance in school

57,849 Homeless US Veterans

("The 2013 Annual Homeless Assessment report (AHAR) to Congress" (PDF). The U.S. Department of Housing and Urban Development. p. 42.)

THIRST

1.8 billion (25% of the world's population) **do not have access to adequate sanitation**

https://www.cdc.gov/healthywater/global/wash_statistics.html#fifteen

750 million + lack adequate access to clean drinking water. Contributes to **an est. 842,000 deaths a year**

https://www.dosomething.org/us/facts/11-facts-about-global-poverty

2,200 children are dying **every day** as a result of diarrheal diseases
https://www.cdc.gov/healthywater/global/wash_statistics.html

HUNGER

9 million die of hunger and hunger - related diseases every year
https://www.mercycorps.org/articles/quick-facts-what-you-need-know-about-global-hunger

40 million US Citizens (8.2%) **are Malnourished** (Skip food, Purchase cheapest items)

While...

93.3 million US Adults are **Obese** (39.8% 2015-2016)
https://www.cdc.gov/obesity/data/adult.html

13.7 million US Children are **Obese** (18.5% 2015-2016)
https://www.cdc.gov/obesity/data/adult.html

40.6 million Rely on **SNAP** https://whyhunger.org/just-the-facts/

POVERTY

39.7 million US Citizens **live in poverty, including 12.8 million US Children** (⅙ or 16.6%)
https://whyhunger.org/just-the-facts/

736 million World Citizens (10%) of live on **less than $1.90 per da**y
https://whyhunger.org/just-the-facts/

MENTAL ILLNESS

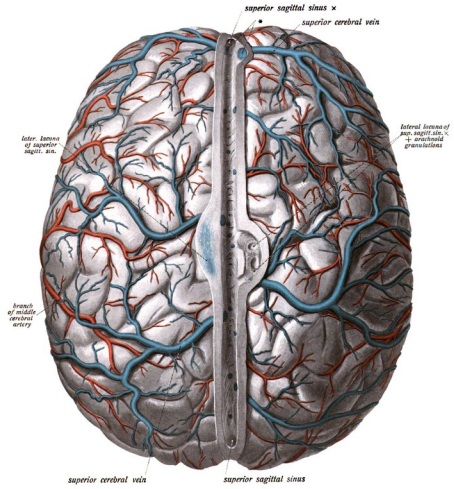
43.8 million Experience Mental Illness in a given Year (⅕ adults or 20%)
https://www.nami.org/learn-more/mental-health-by-the-numbers

Anxiety, Trauma and Stressor Related, and Obsessive-Compulsive Disorders

Generalized Anxiety Disorder (GAD)

6.8 million adults, or 3.1% of the U.S. population, yet only 43.2% are receiving treatment.

Women are twice as likely to be affected as men. GAD often co-occurs with major depression.



Panic Disorder (PD)

6 million adults, or **2.7%** of the U.S. population.

Social Anxiety Disorder

15 million adults, or **6.8%** of the U.S. population.

Specific Phobias

19 million adults, or **8.7%** of the U.S. population.

Obsessive-Compulsive Disorder (OCD)

2.2 million adults, or **1.0%** of the U.S. population.

Posttraumatic Stress Disorder (PTSD)

7.7 million adults, or **3.5%** of the U.S. population.
Major Depressive Disorder
16.1 million American adults, or about **6.7%** of the U.S. population age 18 and older in a given year.
Persistent depressive disorder, or PDD,
3.3 million American adults

76.1 million Unit Total / **328 million** United States Citizens
23% or ¼ suffer from
National Institute of Mental Health https://adaa.org/about-adaa/press-room/facts-statistics
One in Five adults in the United States has **IBS**
https://adaa.org/understanding-anxiety/related-illnesses/irritable-bowel-syndrome-ibs

Leading Factors of Death

Number of deaths for leading causes of death:

1. Heart disease: **635,260**

Atherosclerosis is also the most common cause of cardiovascular disease. It can be caused by correctable problems, such as an unhealthy diet, lack of exercise, being overweight and smoking
https://www.lung.org/lung-health-and-diseases/lung-disease-lookup/lung-cancer/resource-library/lung-cancer-fact-sheet.html
Heart Math -

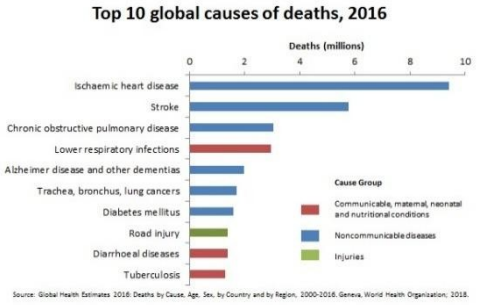
2. Cancer: **598,038**

40% of all cancers diagnosed in the United States are linked to tobacco
https://www.cdc.gov/media/releases/2016/p1110-vital-signs-cancer-tobacco.html

2.5. Medical Error **- 250,000 deaths** per year are due to medical error in the U.S. https://www.hopkinsmedicine.org/news/media/releases/study_suggests_medical_errors_now_third_leading_cause_of_death_in_the_us

3. Accidents (unintentional injuries): **161,374**

Vehicular Crash
37,000 people die in road crashes each year
https://www.asirt.org/safe-travel/road-safety-facts/



4. Chronic lower respiratory diseases: **154,596**
   Stroke (cerebrovascular diseases): **142,142**
5. Alzheimer's disease: **116,103**
6. Diabetes: **80,058**
7. Influenza and Pneumonia: **51,537**
8. Nephritis, nephrotic syndrome and nephrosis: **50,046**
   https://www.cdc.gov/nchs/fastats/deaths.htm
9. Suicide

47,173 Americans died by suicide In 2017 10th leading cause of death in the US
https://afsp.org/about-suicide/suicide-statistics/

20 US Veterans Commit Suicide Every day

http://www.va.gov/opa/docs/Suicide-Data-Report-2012-final.pdf

Memorial Stadium, Bloomington, Indiana.

Capacity: 52,929

Size of Corvallis, Oregon, USA (Hometown)

50 Thousand people can raise up to **$250 million** if all contributed $5,000

1.65 million people received hospice services (2011)

44.6 % off all deaths in the U.S. occurred under the care of a hospice program (2011)

https://www.hopkinsmedicine.org/healthlibrary/test_procedures/urology/hospice_care_statistics_85,p00608

Drug Use

24.6 million Americans aged 12 or older—**9.4 %** percent of the population—**had used an illicit drug** in the past month. This number is up from 8.3 percent in 2002. The increase mostly reflects a recent rise in use of marijuana, the most commonly used illicit drug.

https://www.drugabuse.gov/publications/drugfacts/nationwide-trends

55% of Americans regularly **take a prescription** medicine

https://www.webmd.com/drug-medication/news/20170803/americans-taking-more-prescription-drugs-than-ever-survey

Alcohol

26.9 % (200+ million) of people ages 18 or older (reported that they engaged in **binge** drinking in the past month

- **15.1 million adults** ages 18 and older Have **Alcohol** Use Disorder
- **88,000** people approximately **die** from alcohol-related causes annually (6.5 leading cause of death)
- **9,967 deaths** alcohol-impaired **driving** fatalities accounted for (31 percent of overall driving fatalities (2014)

https://www.niaaa.nih.gov/alcohol-health/overview-alcohol-consumption/alcohol-facts-and-statistics

Tobacco

38 million American adults still smoke

https://www.cdc.gov/media/releases/2018/p0118-smoking-rates-declining.html

Marijuana

22.2 million US Citizens have used **Marijuana** have used it in the past month (2015)

https://www.drugabuse.gov/publications/research-reports/marijuana/what-scope-marijuana-use-in-united-states

Psychedelics

30 million Psychedelic US Citizens (LSD, Psilocybin, Mescaline, and peyote)

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3917651/

LSD

3.1 million US Citizens aged 12 to 25 said they had used LSD**.** (2008)

https://www.drugfreeworld.org/drugfacts/lsd/international-statistics.html

Methamphetamine

1.2 million people (0.4 percent of the population) reported using methamphetamine in the past year, and

- **440,000** (0.2 percent) reported using it in the past month.

Cocaine

913,000 Americans met the Diagnostic and Statistical Manual of Mental Disorders criteria for dependence or abuse of Cocaine (in any form) during the past 12 months. (2014)

https://www.drugabuse.gov/publications/research-reports/cocaine/what-scope-cocaine-use-in-united-states

Crack

8.6 million Americans aged 12 and older reported having used Crack

https://www.drugfreeworld.org/drugfacts/crackcocaine/international-statistics.html

Opioid, Fentanyl (Synthetic Opioid)

2.1-4 million Americans had opioid use disorders in 2016,

https://www.nytimes.com/2018/08/15/upshot/opioids-overdose-deaths-rising-fentanyl.html

44 people die everyday opioid overdose

https://pulmonaryhypertensionnews.com/blog/2016/09/21/hidden-drug-abuse-problem-among-pulmonary-hypertension-patients/?amp

Heroin

170,000 Used Heroin for the first time (2016)

https://www.getsmartaboutdrugs.gov/news-statistics/2018/09/20/new-report-number-new-heroin-users-drops

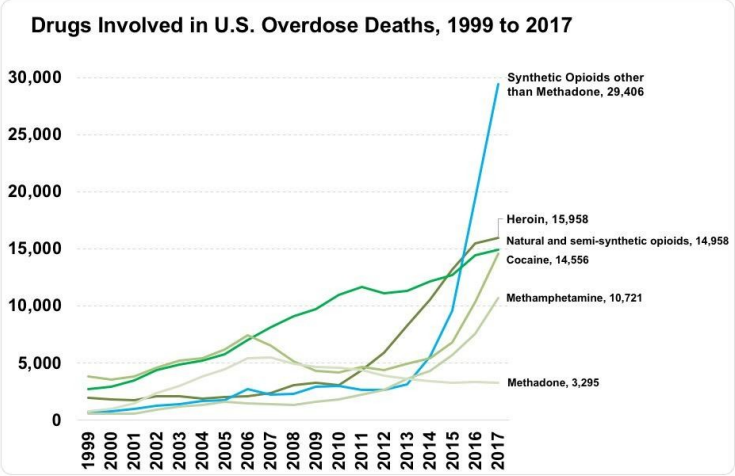
2,200 **alcohol poisoning deaths** in the US each year.

https://www.cdc.gov/vitalsigns/alcohol-poisoning-deaths/index.html

Overdose

70,237 deaths from drug overdoses across the United States last year, a record high. Between 2016 and 2017. the overall rate of overdose deaths **increased 9.6%** while the death rate from synthetic opioids such as fentanyl grew by a shocking 45%

https://www.forbes.com/sites/niallmccarthy/2018/11/30/drug-overdose-deaths-in-the-u-s-hit-record-high-infographic/#2f2f080719bf



Morphine Deaths

25 million Morphine initiated Deaths in Hospitals around the world

https://futurism.com/lack-access-to-morphine-25-million-die-pain-year

114,000 people were reported to be waiting for a new organ in the United States. [2018

"Organ Donation Statistics | Organ Donor".www.organdonor.gov. Retrieved 2018-12-05.

60,000 annual illegal organs harvesting just china

https://www.independent.co.uk/news/world/asia/china-carrying-out-millions-of-illegal-organ-transplants-annually-report-finds-a7107091.html

10,000 black market operations a year (1per hour)

https://www.theguardian.com/world/2012/may/27/kidney-trade-illegal-operations-who

Imprisoned

6,613,500. Estimated persons in U.S. adult correctional systems (2016)

(Kaeble, Danielle (April 2018). "Correctional Populations in the United States 2016" (PDF). *U.S. Department of Justice, Office of Justice Programs, Bureau of Justice Statistics*. Retrieved October 22,2018.

- The Innocence Project says eyewitness misidentification of a suspect plays a role in **more than 70 percent of convictions** that are later overturned through DNA evidence
- the "creativity" of prosecutors in "hatching up criminal cases where no crime exits" and the general "overcriminalization of virtually every aspect of American life."
- **2% - 5%** of prisoners are innocent
    - **330,675 = 5%** (0.05 X 6,613,500)
    - **132,270 = 2%** (0.02 x 6,613,500)
    - **66,135 = 1%** (0.01 x 6,613,500)
- **20%** Convictions are based on a false confession
- **149** US Citizens were cleared in 2015 for crimes they didn't commit

https://www.huffingtonpost.com/entry/exonerations-2015_us_56ac0374e4b00b033aaf3da9

FBI CRIME INDEX

https://ucr.fbi.gov/crime-in-the-u.s/2017/crime-in-the-u.s.-2017/additional-data-collections/human-trafficking/table-1.xls

The Environment

70% reduction in Oxygen by 2050

50% of the Amazon lost by 2050 (10% reduction in oxygen)

More than 20 percent of the world oxygen is produced in the Amazon Rainforest. More than half of the world's estimated 10 million species of plants, animals and insects live in the tropical rainforests. One-fifth of the world's freshwater is in the Amazon Basin.

https://www.treehugger.com/natural-sciences/half-the-amazon-could-be-lost-by-2050-says-study.html

>**90 %** of world's **coral reefs will die by 2050** (**61.2% reduction oxygen**)

https://www.independent.co.uk/environment/environment-90-percent-coral-reefs-die-2050-climate-change-bleaching-pollution-a7626911.html

producing half of the world's oxygen and absorbing **30 percent of man-made carbon dioxide.**

https://catholicclimatemovement.global/coral-reefs-life-food-and-oxygen-at-ris

50-85% oxygen, avg to 68% x.90 = 61.2

https://earthsky.org/earth/how-much-do-oceans-add-to-worlds-oxygen

50% of the Species on Earth Will be Extinct by 2050

https://www.globalcitizen.org/en/content/half-earths-species-extinct-2050/

Water

Growth

9.7 Billion Projected Population -_World population projected to reach **9.7 billion** by 2050.

Current 7.7 Billion

Footprint

Produce individual an iPhone
Individual Car for a Year
Annual Car Production cost co2

Annual driving cost co2

Order to Cease and Desist

Spaceship earth
co2 tax

Another type of tax is a fee and dividend, where the money collected from the tax is returned equitably to all households, effectively taxing carbon emitters and rebating those that burn less carbon

38.2 billion tons co2 produced (*18(Denmark carbon tax)= **$687.6 billion**) about 100 dollars per person. per citizen city takes responsibility due to limited tools *governance transportation and accessible facilities and services*

Carbon Footprint
Of Best Conserving Americans Is Still Double Global Average
https://www.sciencedaily.com/releases/2008/04/080428120658.htm
the array of government services that are available to everyone in the United States. These basic services--including police, roads, libraries, the court system and the military--
"The simple way you get people's carbon use down is to tax it," Gutowski says. "That's a hard pill to swallow--politicians don't like to step up"

Make it seem luxurious, to join a 300 man crew charged with building the next

2.4 million pounds of carbon dioxide released into the air every second.

https://www.cbsnews.com/news/carbon-dioxide-emissions-rise-to-24-million-pounds-per-second/

Denmark has a **CARBON TAX**

$18 per ton co2

International Energy Agency (2002). "Energy Policies of IEA Countries: Denmark Review" (PDF). Head of Publications Service, OECD/IEA 2, rue André-Pascal, 75775 Paris cedex 16, France. Archived from the original (PDF) on 2006-03-06. Retrieved 2010-08-03.

4.5 tons - Global Average CO2 use per person

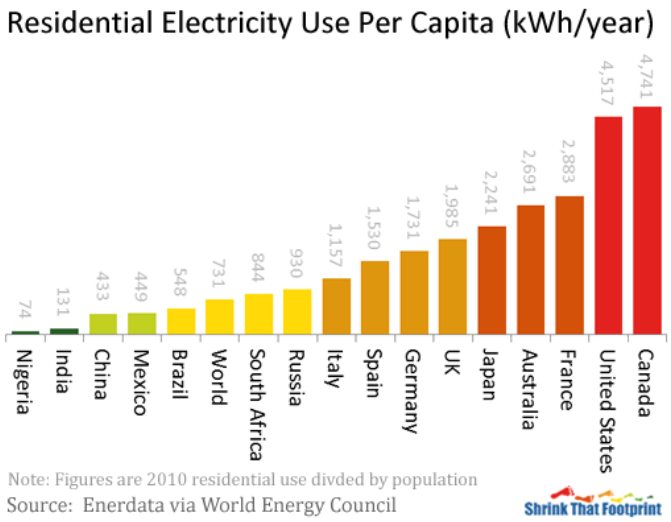
4.6 tons per year for a typical passenger vehicle
https://www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle
6.4 tons - China Average CO2 use per person
17.5 tons - US Average CO2 use per person
http://www.ecocivilization.info/three-tons-carbon-dioxide-per-person-per-year.html

Table: Energy use by appliances, estimated usage based on a single person.

Item	Power (W)	Usage per year (h)	Energy use (kWh/ year)	Annual cost ($)	GHG emissions (kg CO_2)
Water heater	4000	450	1800	270.00	1260
Electric furnace (home heating)	6000	183	1098	164.70	769
Air Conditioner	3500	200	700	105.00	490
Space heater	1500	200	300	45.00	210
Fridge	180	1500	270	40.50	189
TV, 42", plasma	270	1000	270	40.50	189
Clothes dryer	3000	78	234	35.10	164
Cable TV box on standby	25	7700	193	28.88	135
Oven	2400	73	175	26.28	123
Stove top (hob)	1500	104	156	23.40	109
5 x CFL lightbulbs (18 W)	90	1700	153	22.95	107
TV, 42", LED	130	1000	130	19.50	91
Game console - PS4	115	1000	115	17.25	81
Desktop computer	100	1000	100	15.00	70
Game console - Xbox One	90	1000	90	13.50	63
Hair Dryer	1500	57	86	12.83	60
Kettle	1500	48	72	10.80	50
Toaster Oven	1200	60	72	10.80	50
Toaster	1200	57	68	10.26	48
WiFi router	6	8760	53	7.88	37
Game console - Wii U	30	1000	30	4.50	21
Vaccuum cleaner	1400	20	28	4.20	20
Rice Cooker, 1 cup	200	52	10	1.56	7
Laptop - 54 Wh battery*	54	180	10	1.46	7
Cell phone - 10 Wh battery*	10	365	4	0.55	3
Coffee Grinder	75	12	1	0.14	1

*Laptop and cell phone usage per year is expressed as number of charges rather than number of hours.

3.62 tons due to home appliances for the average US citizen
On average in US carbon cost is 0.7kg of CO2 per kWh
0.7 x 4517 = 3162 kg CO2 (= 3.16 tons CO2)
https://greenstarsproject.org/2016/12/30/how-to-calculate-carbon-footprint-home-appliances/



<u>The 2011 figures for the biggest polluters:</u>

1. China, up 10 percent to **10 billion tons.**
2. United States, down 2 percent to **5.9 billion tons**
3. India, up 7 percent to **2.5 billion tons.**
4. Russia, up 3 percent to **1.8 billion tons.**
5. Japan, up 0.4 percent to **1.3 billion tons.**
6. Germany, down 4 percent to **0.8 billion tons.**
7. Iran, up 2 percent to **0.7 billion tons.**
8. South Korea, up 4 percent to **0.6 billion tons.**
9. Canada, up 2 percent to **0.6 billion tons.**
10. South Africa, up 2 percent to **0.6 billion tons.**

https://www.cbsnews.com/news/carbon-dioxide-emissions-rise-to-24-million-pounds-per-second/

61 million tons, US Urban forest oxygen production

https://www.nrs.fs.fed.us/pubs/jrnl/2007/nrs_2007_nowak_001.pdf

2.2 billion tons CO2 each year, Amazon absorbs

https://www.livescience.com/44235-amazon-rainforest-carbon-cycle-measured.html

250,000+ annual global deaths each year **between 2030-2050 attributed to global warming**: malaria, heat stress, diarrhea, malnutrition

https://www.who.int/news-room/fact-sheets/detail/climate-change-and-health

Imagine a space ship, oxygen? Co2? Where does it come from where does it go? Trump's disbelief in science of global warming the same science that gave him phone, beginning with basic reason, 1+1 = 2 and 2 is too much co2.

Imagine an automated garden, a waste recycle, water treatment and increased oxygen.

https://io9.gizmodo.com/how-many-plants-would-you-need-to-generate-oxygen-for-y-5955071

A person would need 10,000 leaves
an oak tree produces 227,721 leaves

https://sites.math.washington.edu/~morrow/mcm/16647.pdf

Ways Forward

Considering: slave goods, rise of automation, transportation, power grid viability and emergency & natural disaster preparation

David Tam Microgrids and localized energy food prep for increase in likely natural disasters along with terrorism security due to hacking or shutting off unsecure nationwide electrical grids which we are attached to

73 million Jobs Taken by 2030 due to Automation
https://www.usatoday.com/story/money/2017/11/29/automation-could-kill-73-million-u-s-jobs-2030/899878001/

22% or ¼ 73M (Job taken Automation)/ 328M(Total Citizens)
4 million Current US drivers
https://bigthink.com/david-ryan-polgar/driverless-vehicles-may-eliminate-40-million-jobs-but-it-may-also-create-a-7-trillion-passenger-economy

TRANSPORTATION
Statistics, (prod. CO2 comp. individuals, and top business co2 polluters)
ALIVE Proposal

HOUSING
Self-Sufficient City Models

TheVenusProject.ORG; self-sufficient, localized energy and food, scalable, duplicable.
https://www.youtube.com/watch?v=Yb5ivvcTvRQ
"The Choice is Ours" (2016)
https://www.youtube.com/watch?v=6E-ZfndVZrg&t=2s
"Lost Interview – Buckminster Fuller"
https://www.youtube.com/watch?v=uZ1PkrumLPc
Buckminster Fuller – Thinking Out Loud (documentary 1996)

$1.5 million Shipping Container Village
Self-Sustainable (one-time investment)
300 person capacity = $5,000 per person
Cost analysis https://www.onecommunityglobal.org/shipping-container-village-materials-costs/#areas
https://www.onecommunityglobal.org/shipping-container-village/

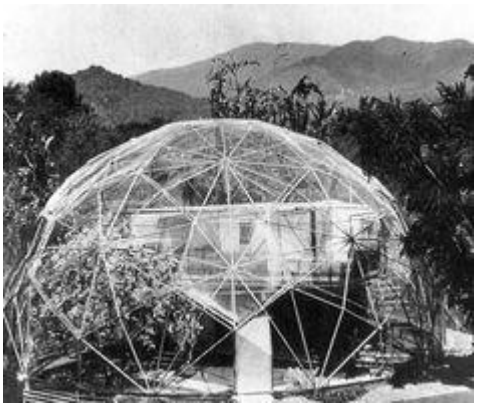
- Cost and Availability:
- Aesthetics:
- Strength and Durability:
- Modular Construction:
- Availability:
- Ease and Speed of Construction:

- Security:
- Environmental Impact:
- Transport and Handling:

https://www.onecommunityglobal.org/shipping-container-village/

Geodesic Domes

The most notable features its strength and low cost of minimal materials.
R. Buckminster Fuller's ultimate goal in designing geodesic dome structures was to solve the housing challenges of an ever-increasing population. He set out to design human shelters that were strong, sustainable and affordable. ... Along with their strength, dome homes are incredibly efficient and sustainable.



DIY PVC biodome - https://www.youtube.com/watch?v=v_NnY_yYwuc

***Geodesic Dome Over New York** - "a fleet of 16 of the large Sikorsky helicopters could fly all the segments into position in 3 months at a cost of $200m." - Buckminster Fuller,

https://www.treehugger.com/urban-design/look-bucky-fullers-dome-over-new-york-city.html

$1.7 Billion - prices in 2018 are 748.33% higher than prices in 1960, 200m * 748.33 = $1,696.67m

http://www.in2013dollars.com/1960-dollars-in-2018?amount=200

$50,634 - 75 pod Earthbag village

- 72 living units
- Earthbag construction
- Only requires a 1-acre footprint
- Artistic, durable, and easy to build
- Reuse of village greywater for agriculture
- 100% solar powered with generator backup power
- Can be constructed for under $7,000 per living structure
- Maximization of artistic external and internal design exploration and use
- Materials can be locally sourced or easily & affordably shipped anywhere in the world
- Should be completed in 18-24 months

https://www.onecommunityglobal.org/earthbag-village-tools-and-equipment/#summary
https://docs.google.com/spreadsheets/d/1Rag7LB05JiSSDcRDeji5jvtmAKS-V7S0nP4fynOdqbs/edit#gid=1981221386

https://www.akdn.org/architecture/project/kaedi-regional-hospital

Kaedi Regional Hospital - Fabrizio Carola, Italian **architect** from Naples

“The Dome as a

Social Model”

https://vimeo.com/92640687

679 million USD to build Kamuthi, Tamil Nadu, India - This solar farm in the southern state of Tamil Nadu in India has a capacity of 648 megawatts and covers an area of 10 square kilometres. In 2016, this project was deemed to be the largest solar power plant at a single location. The project comprises 2.5 million individual solar modules and cost approximately
At full capacity, the Kamuthi solar power plant is expected to produce enough electricity to power approximately **150,000 homes. 679 mil/1150k = $4527 Per Home**

https://www.originenergy.com.au/blog/lifestyle/5-largest-solar-farms-in-the-world.html

<u>The Modern Holocaust</u> (Numbers provided from within)
9,000,000 annual hunger deaths /365
= 24,657 daily hunger deaths
+2,200 children a day water, diarrhea deaths
= 26,857 v. 10,000 a day (Ovens) Auschwitz

Charles W Sydnor, “The Soldiers of Destruction” (1977) p.3371):
https://www.quora.com/How-many-Jews-were-killed-per-day-in-Auschwitz

Richest in the world v. Activists

(for perspective on economic viability of certain projects)
$200 billion – Vladimir Putin’s estimated Net worth (Bill Browder, a former fund manager in Russia and maior critic of Putin, estimated the president's net worth at)

https://www.washingtonpost.com/news/worldviews/wp/2018/02/07/ahead-of-russian-elections-putin-releases-official-details-of-wealth-and-income/?noredirect=on

No.	Name	Net worth (USD) (March 2018)[15]	Age	Nationality	Source(s) of wealth
1 ▲	Jeff Bezos	$112 billion ▲	54	United States	Amazon
2 ▼	Bill Gates	$90 billion ▲	63	United States	Microsoft
3 ▼	Warren Buffett	$84 billion ▲	87	United States	Berkshire Hathaway
4 ▲	Bernard Arnault	$72 billion ▲	69	France	LVMH
5 —	Mark Zuckerberg	$71 billion ▲	33	United States	Facebook
6 ▼	Amancio Ortega	$70 billion ▼	81	Spain	Inditex, Zara
7 ▼	Carlos Slim	$67.1 billion ▲	78	Mexico	América Móvil, Grupo Carso
8 —	Charles Koch	$60 billion ▲	82	United States	Koch Industries
8 —	David Koch	$60 billion ▲	77	United States	Koch Industries
10 ▼	Larry Ellison	$58.5 billion ▲	73	United States	Oracle Corporation

https://www.forbes.com/billionaires/#6152ed80251c

World Wide - Most Valuable Companies

Rank	Company	Nation	Market cap (in billions of US dollars)
1	Apple	US	$851
2	Alphabet (Google)	US	719
3	Microsoft	US	703

Rank	Company	Nation	Market cap (in billions of US dollars)
4	Amazon	US	701
5	Tencent	China	496
6	Berkshire Hathaway	US	492
7	Alibaba	China	470
8	Facebook	US	464
9	JP Morgan Chase	US	375
10	Johnson & Johnson	US	344

https://qz.com/1331995/walmart-is-the-worlds-biggest-company-apple-isnt-in-the-top-10/

Market capitalization—the value of a company's outstanding shares—may be a better measure of a company's current influence in the world, however, since it measures investor expectations for company's future potential.

However here are the top earning revenue companies

Rank	Company	Nation	Revenues (in billions of US dollars)
1	Walmart	US	$500
2	State Grid	China	348.9
3	Sinopec	China	326.9

Rank	Company	Nation	Revenues (in billions of US dollars)
4	China Natural Petroleum	China	326
5	Royal Dutch Shell	Netherlands	311.8
6	Toyota	Japan	265.1
7	Volkswagen	Germany	260
8	BP	UK	244.5
9	Exxon Mobil	US	244.3
10	Berkshire Hathaway	US	242

https://qz.com/1331995/walmart-is-the-worlds-biggest-company-apple-isnt-in-the-top-10/

famous human rights activists

number killed each year central and south america and including falun gong estimate and other. “I know it doesn’t seem like a lot compared to the other massive numbers, still…

Revisit American debt and 1% statistics to give people perspective of their place

A deficient self-image in the realm of belonging (self-esteem) – (add after reorganization)

Ceremonial Change Process Quickie

The Culture of War quickie history less

and experiment based on belief human nature